

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L56	22	(MPC model adj predict\$3 adj control\$4) and (non-linear nonlinear) and (goal target achieve\$4) near (life long adj term)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L57	2	"5654907".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L58	96	(MPC model adj predict\$3 adj control\$4) and trajectory and nonlinear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L59	16	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L60	11	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3 and goal\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L61	11	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3 and (goal\$1 bench adj mark\$1 benchmark\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L62	4	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3 and (goal\$1 bench adj mark\$1 benchmark\$1) and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L63	7	("2005/0007249").URPN.	USPAT	OR	ON	2007/01/31 20:36
L64	36	S295 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L65	13	S295 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and (goal\$1 bench adj mark\$1 benchmark\$1) and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36

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L66	11	S295 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and (goal\$1 bench adj mark\$1 benchmark\$1) and index and (non-linear nonlinear)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L67	352	700/44.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L68	7	S309 and life same (expectan\$3 goal consumption)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L69	8	("4349869"   "4358822"   "4634946"   "4714988"   "4792870"   "4969408"   "5057992"   "5170935").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/31 20:36
L70	207	(system near10 life near10 goal\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L71	61	("4349869").URPN.	USPAT	OR	ON	2007/01/31 20:36
L72	32	("4349869").URPN. and sensors	USPAT	OR	ON	2007/01/31 20:36
L73	1	(dynamic near process near model and independent near variable\$1 and process near model and (MPC model near predictive near control\$4) and independent\$2 near10 controllable near10 (MV manipulated near variable\$1) and mismatch\$3 near error and tuning and controllers).clm.	US-PGPUB	OR	ON	2007/01/31 20:36
L74	13	("5457625" "5408405" "3934124" "5546312" "5042752" "6587744").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L75	6	("6064809" "6381505" "6122555").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36

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L76	0	((model near predictive near control MPC) and plural\$4 near2 sensor\$1 and current near state and desired near trajectory and creating and dynamic near response and model and nonlinear and programming and life near goal and achiev\$3 and window near spanning and solv\$4 and iterative and algorithm and generat\$3 and actuator and acting and implementing).clm.	US-PGPUB	OR	ON	2007/01/31 20:36
L77	4	fakhruddin near attarwala.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L78	0	(MPC model adj predict\$3 adj control\$4) and desired and (non-linear nonlinear) and (goal target achieve\$4) near (life long adj term)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L79	6401	MPC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L80	0	(MPC model adj predict\$3 adj control\$4) and desired and (non-linear nonlinear) and (goal target achieve\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L81	0	(MPC model adj predict\$3 adj control\$4) and desired and (non-linear nonlinear)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L82	0	(MPC model adj predict\$3 adj control\$4) and desired	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L83	6805	(MPC model adj predict\$3 adj control\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L84	22	(MPC model adj predict\$3 adj control\$4) and (non-linear nonlinear) and (goal target achieve\$4) near (life long adj term)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36

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L85	1	2005-650972.NRAN.	DERWENT	OR	ON	2007/01/31 20:36
L86	2	"5654907".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L87	231	(MPC model adj predict\$3 adj control\$4) and trajectory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L88	96	(MPC model adj predict\$3 adj control\$4) and trajectory and nonlinear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L89	2223	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 worn deperformance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L90	2166	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L91	2166	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L92	1462	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L93	16	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L94	11	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3 and goal\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36

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L95	11	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3 and (goal\$1 bench adj mark\$1 benchmark\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L96	4	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3 and (goal\$1 bench adj mark\$1 benchmark\$1) and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L98	0	("2005/0209713").URPN.	USPAT	OR	ON	2007/01/31 20:36
L99	7575	(700/121,28,29,30,173,186,109,110,112,117,106,119,48,95,32).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L100	36	S341 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L101	1	S341 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3 and (goal\$1 bench adj mark\$1 benchmark\$1) and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L102	1	S341 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life same predict\$3 and (goal\$1 bench adj mark\$1 benchmark\$1) and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L103	13	S341 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and (goal\$1 bench adj mark\$1 benchmark\$1) and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L104	11	S341 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and (goal\$1 bench adj mark\$1 benchmark\$1) and index and (non-linear nonlinear)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36

## EAST Search History

L105	0	("5347446").URPN. and (life) and dynamic\$1 and sensor\$1 and response\$1 and command\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L106	27271	(system near10 goal\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L107	602	(system near10 goal\$1) and predict\$3 near10 control	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L108	0	("5410883").URPN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L109	49	(system near10 goal\$1) and predict\$3 near10 control and response near10 command\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L110	10	("5347446").URPN. and life and dynamic\$1 and sensor\$1 and predict\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L111	5	("5347446" "2002021900").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L112	57	("5347446").URPN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L113	10	("5347446").URPN. and life and dynamic\$1 and sensor\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L114	18	("5347446").URPN. and (life)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36

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L115	2	"5410883".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L116	0	(model adj predictive and desired adj trajectory and dynamic adj response and model and nonlinear and system adj life adj goal and program\$4 and algorithm).clm.	US-PGPUB	OR	ON	2007/01/31 20:36
L117	0	("5410883").URPN.	USPAT	OR	ON	2007/01/31 20:36
L118	4	("4226086"   "4651553"   "4792912"   "4888953").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/31 20:36
L119	2223	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 worn deperformance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L120	6805	(MPC model adj predict\$3 adj control\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L121	57	("5347446").URPN.	USPAT	OR	ON	2007/01/31 20:36
L122	2166	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L123	2166	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L124	18	S363 and (life)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L125	10	S363 and life and dynamic\$1 and sensor\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36

## EAST Search History

L126	231	(MPC model adj predict\$3 adj control\$4) and trajectory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36
L127	1462	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/31 20:36